



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor:	Douglas B. Moran	Examiner:	Ronald Baum
Application No.:	09/654,347	Art Unit:	2136
Filed:	August 30, 2000	Docket No.:	RECOP017
Title:	SYSTEM AND METHOD FOR USING TIMESTAMPS TO DETECT ATTACKS		

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in a prepaid envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

April 28, 2005.

  
Jennifer C. Gross

INFORMATION DISCLOSURE STATEMENT  
AFTER MAILING DATE OF EITHER A FINAL OFFICE ACTION OR  
NOTICE OF ALLOWANCE (37 CFR 1.97(d))

Mail Stop RCE  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO SB/08A&B, may be material to examination of the above-identified patent application. Applicants disclose these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. Copies of the cited references are provided to the extent required by 37 CFR §1.98 and any applicable waivers.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

c. Fee Calculation: The fee for excess claims, if applicable, has been calculated as shown below.

					Small Entity			Large Entity	
					Rate	Fee		Rate	Fee
RCE FILING FEE					x \$395 = \$		OR	x \$790 = \$	\$790.00
CLAIMS	Filed			Extra					
Total	14	Less 20 or HP*		0	x \$25 = \$		OR	x \$50 = \$	
Independent	3	Less 3 or HP*		0	x \$100 = \$		OR	x \$200 = \$	
Multiple Dependent Claims				-0-	x \$180 = \$		OR	x \$360 = \$	
*HP = Highest previously paid					TOTAL FEES \$			TOTAL FEES \$	<b>\$790.00</b>

2. Miscellaneous:

- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR §1.103(c) for a period of \_\_\_\_\_ months.
- b. ☐ Other \_\_\_\_\_

3. ☒ Applicant hereby petitions for an extension of time as follows:

	SMALL ENTITY			LARGE ENTITY	
	Rate	Add'l Fee		Rate	Add'l Fee
<input checked="" type="checkbox"/> Extension for Response within FIRST month	x \$60 = \$		OR	x \$120 = \$	<b>\$120.00</b>
<input type="checkbox"/> Extension for Response within SECOND month	x \$225 = \$		OR	x \$450 = \$	
<input type="checkbox"/> Extension for Response within THIRD month	x \$510 = \$		OR	x \$1020 = \$	
<input type="checkbox"/> Extension for Response within FOURTH month	x \$795 = \$		OR	x \$1590 = \$	
<input type="checkbox"/> Extension for Response within FIFTH month	x \$1080 = \$		OR	x \$2160 = \$	

4. ☒ Applicant(s) hereby petition that any additional required extension of time be granted.
5. ☒ Enclosed is our Check No. 1705 in the amount of \$910.00 to cover the RCE Fee required under 37 CFR §1.17 (e), the additional claim fee, if any, and/or extension of time fees.
6. ☒ Enclosed is our Check No. 1648 in the amount of \$180.00 to cover the Information Disclosure Statement fee set forth in 37 CFR 1.17(p).
7. ☒ If the required fees are missing or any additional fees are required during the pendency of the subject application, please change such fees or credit any overpayment to Deposit Account No. 50-0685 (RECOP017).
8. ☒ Applicant Initiated Interview Request Form.
9. ☒ Please continue to send correspondence to the following address:

**CUSTOMER NO. 21912**  
**VAN PELT, YI & JAMES LLP**  
 10050 N. Foothill Blvd., Ste. 200  
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Date: 4/28/05

Clover Huang  
 Clover Huang  
 Reg. No. 55,285



Substitute for form 1449/PTO

**Information Disclosure  
Statement By Applicant**

(Use as many sheets as necessary)

Sheet 1 of 2

*Complete if Known*

Application No.:	09/654,347
Filing Date	August 30, 2000
First Named Inventor	Douglas B. Moran
Art Unit	2136
Examiner Name	Ronald Baum
Atty Docket No.	RECOP017

**U.S. Patent Documents**

Examiner Initials	Cite No.	Document Number Number-Kind Code <i>(if known)</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A.	US 6,321,338 B1	11/20/2001	Porras et al.	
	B.	US 6,484,203 B1	11/19/2002	Porras et al.	
	C.	US 6,704,874 B1	03/09/2004	Porras et al.	
	D.	US 6,708,212 B2	03/16/2004	Porras et al.	
	E.	US 6,711,615 B2	03/23/2004	Porras et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code <i>(if known)</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	F.	ROBERT DURST, TERRENCE CHAMPION, BRIAN WITTEN, ERIC MILLER, and LUIGI SPAGNUOLO, <i>Testing and evaluating computer intrusion detection systems</i> . July 1999 Communications of the ACM, at <a href="http://www.acm.org/pubs/contents/journals/cacm/1999-42-7/p53-durst/p53-durst.pdf">http://www.acm.org/pubs/contents/journals/cacm/1999-42-7/p53-durst/p53-durst.pdf</a>	
	G.	ANDREW H. GROSS, <i>Analysing Computer Intrusions</i> , Ph.D. thesis, Electrical and Computer Engineering (Communication Theory and Systems), San Diego Supercomputer Center, University of California, San Diego, 1997.	
	H.	ROBERT W. BALDWIN, <i>Rule-Based Analysis of Computer Security</i> , Massachusetts Institute of Technology, June 1987.	
	I.	DAN ZERKLE AND KARL LEVITT, <i>NetKuang - A Multi-Host Configuration Vulnerability Checker</i> , Proceedings of the Sixth USENIX Security Symposium, San Jose, CA, July 1996.	
	J.	DAN FARMER AND EUGENE H. SPAFFORD; <i>The COPS Security Checker System</i> , Proceedings of the Summer 1990 USENIX Conference, Anaheim, CA: pp. 165-170. June 1990; Coast TR 94-01; Jun 1990. <a href="http://www.cerias.purdue.edu/homes/spaf/tech-reps/993.ps">http://www.cerias.purdue.edu/homes/spaf/tech-reps/993.ps</a>	
	K.	INTERNET SECURITY SYSTEMS; <i>Comparison between Internet Security Scanner (ISS) 1.x and Internet Scanner 3.2</i> , 1996. <a href="http://www.iss.net">http://www.iss.net</a>	
	L.	INTERNET SECURITY SYSTEMS; <i>Technical Specifications for Internet Scanner Version 3.0</i> . [This document is undated - it is believed to be 1996 or earlier based on Item F which is version 3.2 of this document.]	



<b>Information Disclosure Statement By Applicant</b> (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application No.:	09/654,347
				Filing Date	August 30, 2000
				First Named Inventor	Douglas B. Moran
				Art Unit	2135
				Examiner Name	Ronald Baum
Sheet	2	of	2	Atty Docket No.	RECOP017

M.	SAMUEL J. LEFFLER, MARSHALL KIRK MCKUSICK, MICHAEL J. KAARELS, and JOHN S. QUARTERMAN, <i>The Design and Implementation of the 4.3 BSD UNIX Operating System</i> , Addison-Wesley, 1989 Chapter 7 "The Filesystem".
N.	PHILLIP A. PORRAS and PETER G. NEUMANN, EMERALD: Event Monitoring Enabling Responses to Anomalous Live Disturbances, 1997 National Information Systems Security Conference.
O.	LAWRENCE HALME, TERESA LUNT, and J. VAN HORNE, <i>Automated Analysis of Computer System Audit Trails for Security Purposes</i> . Proceedings of the National Computer Security Conference, Washington, D.C., 1986.
P.	TERESA LUNT, <i>Automated Audit Trail Analysis and Intrusion Detection: A Survey</i> . Proceedings of the Eleventh National Computer Security Conference, Washington, D.C., October, 1988.
Q.	TERESA F. LUNT, ANN TAMARU, FRED GILHAM, R. JAGANNATHAN, PETER G. NEUMANN, CAVEH JALALI, <i>IDES: A Progress Report</i> . Proceedings of the Sixth Annual Computer Security Applications Conference, Tucson, AZ, December 1990.
R.	DAVID R. SAFFORD, DOUGLAS LEE SCHALES and DAVID K. HESS, <i>The TAMU Security Package: An ongoing Response to Internet Intruders in an Academic Environment</i> . Proceedings of the Fourth USENIX Security Symposium, October 1993, Santa Clara, CA.
S.	KAREN L. MYERS, <i>A procedural knowledge approach to task-level control</i> , in Proceedings of the Third International Conference on AI Planning Systems, AAAI Press, 1996.
T.	MICHAEL P. GEORGEFF, FRANCOIS FELIX INGRAND, <i>Real-Time Reasoning: The Monitoring and Control of Spacecraft Systems</i> , in Proceedings of the Sixth IEEE Conference on Artificial Intelligence Applications, 1990.
U.	MICHAEL P. GEORGEFF, FRANCOIS FELIX INGRAND, <i>Decision-Making in an Embedded Reasoning System</i> , in Proceedings of IJCAI89, Detroit, MI, 1989.
V.	MICHAEL P. GEORGEFF, AMY L. LANSKY, <i>Reactive reasoning and planning: an experiment with a mobile robot</i> , in Proceedings of AAAI87, 1987.
W.	MICHAEL P. GEORGEFF, AMY L. LANSKY, <i>Procedural Knowledge</i> , in Proceedings of the IEEE Special Issue on Knowledge Representation, Volume 74, pages 1383-1398, 1986.
X.	MICHAEL P. GEORGEFF, AMY L. LANSKY, <i>A Procedural Logic</i> , in Proceedings of IJCAI85, Los Angeles, CA, 1985.

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

T<sup>2</sup> = Applicant is to place a check mark here if English language Translation is attached